



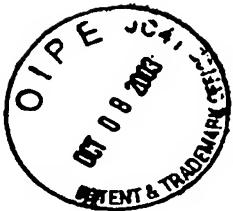
Sheet 1 of 5

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. CHIR-0337	Application No. 10/615,668
		Applicant Antonio Covacci, et al.	
		Filing Date July 8, 2003	Group Not Yet Assigned <i>164-5</i>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/SD/	1	Austin et al., "Structural Comparison of Urease and a GroEL Analog from <i>Helicobacter pylori</i> ", <i>J. Bacteriol.</i> , 1992, 174(22), 7470-7473	
/SD/	2	Apel et al., "Antibody Response of Patients Against a 120 kDa Surface Protein of <i>Campylobacter pylori</i> ", <i>Aentralblat fur Bakterio. Microb. Und Hygiene</i> , 1988, 268, 271-276	
/SD/	3	Blaser, "Gastric <i>Campylobacter</i> -like Organisms, Gastritis, and Peptic Ulcer Disease", <i>Gastroenterology</i> , 1987, 93, 371-383	
/SD/	4	Blaser, " <i>Helicobacter pylori</i> : Its Role in Disease", <i>Clin. Infect. Dis.</i> , 1992, 15, 386-391	
/SD/	5	Blaser, M., "H.pylori associated disease involves host and bacterial factors," <i>HP World-Wide</i> , February 1992, 1-8	
/SD/	6	Clayton, C.L. et al., "Molecular Cloning and Expression of <i>Campylobacter pylori</i> Species-Specific Antigens in <i>Escherichia coli</i> K-12," <i>Infection Immunity</i> , 1989, 57(2), 623-629	
/SD/	7	Cover et al., "Characterization of and Human Serologic Response to Proteins in <i>Helicobacter pylori</i> Broth Culture Supernatants with Vacuolizing Cytotoxin Activity", <i>Infect. Immun.</i> , 1990, 58(3), 603-610	
/SD/	8	Cover et al., "Purification and Characterization of the Vacuolating Toxin from <i>Helicobacter pylori</i> ", <i>J. Biol. Chem.</i> , 1992, 267(15), 10570-10575	
/SD/	9	Cover et al., "Serum Neutralizing Antibody Response to the Vacuolating Cytotoxin of <i>Helicobacter pylori</i> ", <i>J. Clin. Invest.</i> , 1992, 90, 913-918	
/SD/	10	Cover et al., "Human serologic response to <i>Campylobacter pylori</i> cytotoxin-associated proteins", <i>Gastroenterology</i> , 1989, 96 (5/2), A101, abstract	
EXAMINER		/S. Devil	DATE CONSIDERED 03/20/2007

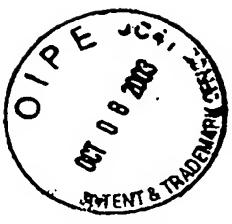


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U.S. Department of Commerce Patent and Trademark Office		Filing Date July 8, 2003	Group Not Yet Assigned 1645
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/SD/	11	Crabtree et al., "Expression of 120 kilodalton protein and cytotoxicity in <i>Helicobacter pylori</i> ", <i>J. Clin. Pathol.</i> , 1992 , <i>45</i> , 733-734	
/SD/	12	Cussac et al., "Expression of <i>Helicobacter pylori</i> Urease Genes in <i>Escherichia coli</i> Grown under Nitrogen-Limiting Conditions", <i>J. Bacteriol.</i> , 1992 , <i>174</i> (8), 2466-2473	
/SD/	13	Dooley et al., "Prevalence of <i>Helicobacter Pylori</i> Infection and Histologic Gastritis in Asymptomatic Persons", <i>New Engl. J. Med.</i> , 1989 , <i>321</i> , 1562-1566	
/SD/	14	Drumm et al., "Intrafamilial Clustering of <i>Helicobacter Pylori</i> Infection", <i>New Engl. J. Med.</i> , 1990 , <i>322</i> (6), 359-363	
/SD/	15	Dunn et al., "Identification and Purification of a cpn60 Heat Shock Protein Homolog from <i>Helicobacter pylori</i> ", <i>Infect. Immun.</i> , 1992 , <i>60</i> (5), 1946-1951	
/SD/	16	Evans et al., "Urease-Associated Heat Shock Protein of <i>Helicobacter pylori</i> ", <i>Infect. Immun.</i> , 1992 , <i>60</i> (5), 2125-2127	
/SD/	17	Evans et al., "A Sensitive and Specific Serologic Test for Detection of <i>Campylobacter pylori</i> Infection", <i>Gastroenterology</i> , 1989 , <i>96</i> , 1004-1008	
* /SD/	18	Figura et al., <i>H. Pylori, Gastritis and Peptic Ulcer</i> , Malfithheiner et al. (eds.), Springer Verlag, Berlin, 1990	
/SD/	19	Gerstenecker et al., "Serodiagnosis of <i>Helicobacter pylori</i> Infections with an Enzyme Immunoassay Using the Chromatographically Purified 120 Kilodalton Protein", <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , 1992 , <i>11</i> (7), 595-601	
/SD/	20	Goodwin et al., "Transfer of <i>Campylobacter pylori</i> and <i>Campylobacter mustelae</i> to <i>Helicobacter</i> gen. nov. As <i>Helicobacter pylori</i> comb. Nov. And <i>Helicobacter mustelae</i> comb. Nov., Respectively," <i>Int. J. Syst. Bacteriol.</i> , 1989 , <i>39</i> (4), 397-405	
EXAMINER		/S. Devil	DATE CONSIDERED 03/20/2007

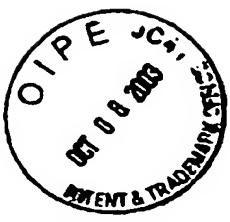
**A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous to send and easily obtainable by the Examiner.



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U.S. Department of Commerce Patent and Trademark Office		Filing Date July 8, 2003	Group Not Yet Assigned <i>645</i>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/SD/	21	Graham et al., "Seroepidemiology of <i>Helicobacter pylori</i> Infection in India: Comparison of Developing and Developed Countries", <i>Digestive Diseases and Sciences</i> , 1991, 36(8), 1084-1088	
/SD/	22	Jones et al., "Antibody to the gastric campylobacter-like organism ("Campylobacter pyloridis") — Clinical correlations and distribution in the normal population", <i>Med. Microbiol.</i> , 1986, 22, 57-62	
/SD/	23	Kahn, S. et al., "The major 85-KD surface antigen of the mammalian form of <i>Trypanosoma cruzi</i> is encoded by a large heterogeneous family of simultaneously expressed genes," <i>J. Exp. Med.</i> , 1990, 172(2), 589-597	
/SD/	24	Leunk, "Production of a Cytotoxin by <i>Helicobacter Pylori</i> ", <i>Rev. Infect. Dis.</i> , 1991, 13(8), S686-S689	
/SD/	25	Leying et al., "Cloning and genetic characterization of a <i>Helicobacter pylori</i> flagellin gene", <i>Mol. Microbiol.</i> , 1992, 6(19), 2863-2874	
/SD/	26	Morris et al., "Seroepidemiology of Campylobacter pyloridis", <i>N.Z. Med. J.</i> , 1986, 99(809), 657-659	
/SD/	27	Orkin, S.H. et al., Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy, December 1995, 41 pages	
/SD/	28	Parsonnet et al., " <i>Helicobacter Pylori</i> Infection and the Risk of Gastric Carcinoma", <i>New Engl. J. Med.</i> , 1991, 325(16), 1127-1131	
/SD/	29	Pei, Z. et al., "Identification Purification and Characterization of Major Antigenic Proteins of Campylobacter-Jejuni," <i>J. Biol. Chem.</i> , 1991, 266(25), 16363-16369	
/SD/	30	Perez-Perez et al., "Characteristics of <i>Helicobacter pylori</i> Variants Selected for Urease Deficiency", <i>J. Infect. Immun.</i> , 1992, 60(9), 3658-3663	
/SD/	31	Thomas et al., "Isolation of <i>Helicobacter pylori</i> from human faeces", <i>Lancet</i> , 1992, 340, 1194-1195	
/SD/	32	Warren et al., "Unidentified Curved Bacilli on Gastric Epithelium in Active Chronic Gastritis", <i>Lancet</i> , 1983, 1273-1275	
EXAMINER		/S. Devil/	DATE CONSIDERED
			03/20/2007



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/SD/	33	Figura, N. et al., "Serum Antibodies to the Vacuolating Toxin Produced by <i>Helicobacter Pylori</i> ; <i>Gastritis and Peptic Ulcer</i> , P. Malfertheiner, et al.(Eds.), Springer-Verlag, Berlin, 1990, 159-161	
/SD/	34	Covacci, A. et al., "Molecular characterization of the 128-kDa immunodominant antigen of <i>Helicobacter pylori</i> associated with cytotoxicity and duodenal ulcer", <i>Proc. Natl. Acad. Sci. USA</i> , 1993, 90, 5791-5795	
/SD/	35	Tummuru, M.K.R. et al., "Cloning and Expression of a High-Molecular-Mass Major Antigen of <i>Helicobacter pylori</i> : Evidence of Linkage to Cytotoxin Production", <i>Infection and Immunity</i> , 1993, 61(5), 1799-1809	
/SD/	36	Clayton, et al., in: " <i>Helicobacter pylori, Gastritis and Peptic Ulcer</i> ," Malfertheiner, et al. (Eds.), <i>Spring-Verlag, Berlin</i> , 1990, 167-171	
/SD/	37	Crabtree, et al., "Mucosal Humoral Immune Response to Helicobacter Pylori in Patients with Duodenitis", <i>Dig. Dis. Sci.</i> , 1991, 36, 1266-1273	
/SD/	38	Crabtree, et al., "Mucosal IgA Recognition of Helicobacter Pylori 120 kDa Protein, Peptic Ulceration, and Gastric Pathology", <i>Lancet</i> , 1991, 338, 332-335	
/SD/	39	Gerken, et al., sequence submitted to EST-STS by Utah Center for Humans Genome Res. University of Utah, 1993, Accession No. L18544	
/SD/	40	Hirschl, et al., in: " <i>Helicobacter pylori, Gastritis and Peptic Ulcer</i> ," Malfertheiner, et al. (Eds.), <i>Spring-Verlag, Berlin</i> , 1990, 141-146	
/SD/	41	Hammermeister, et al., "Elevated Risk of Helicobacter Pylori Infection in Submarine Crews", <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , 1992, 11(1), 9-14	
/SD/	42	Tummuru, et al., in: Abstracts of the 91 st General Meeting of the American Society for Microbiology, Dallas, TX, May 5-9, 1991 (abstract B-127)	
/SD/	43	Nakajima, et al., <i>J. Cell. Biol.</i> , 1991, 113, 245-260	
EXAMINER		/S. Devi/	DATE CONSIDERED 03/20/2007



Sheet 5 of 5

Form PTO-1449 Modified		Docket No. CHIR-0337	Application No. 10/615,668
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U.S. Department of Commerce Patent and Trademark Office		Filing Date July 8, 2003	Group Not Yet Assigned <i>1645</i>

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/SD/	45	4,882,271	11/21/89	Evans et al.	435	7
/SD/	46	5,292,658	03/08/94	Cormier, et al.	435	252.33
/SD/	47	5,354,854	10/11/94	Bourque, et al.	536	23.1
/SD/	48	5,403,924	04/04/95	Cover et al.	536	23.1
/SD/	49	5,721,349	02/24/98	Cover, et al.	536	22.1
/SD/	50	5,733,740	03/31/98	Cover, et al.	435	7.32
/SD/	51	5,876,943	03/02/99	Cover, et al.	435	6
/SD/	52	6,090,611	07/18/00	Covacci, et al.	435	252.3
/SD/	53	6,153,390	11/28/00	Cover, et al.	435	6

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/SD/	54	EP 0329570 A2	08/23/89	EP	X	
/SD/	55	EP 0367644 A1	05/09/90	EP	X (Abstract)	
/SD/	56	WO 87/05943	10/08/87	PCT		
/SD/	57	WO 89/08843	09/21/89	PCT	X	
/SD/	58	WO 91/09049	06/27/91	PCT	X	
/SD/	59	WO 90/04030	04/19/90	PCT	X (Abstract)	
/SD/	60	WO 90/06696	06/28/90	PCT		

EXAMINER	/S. Devi/	DATE CONSIDERED	03/20/2007
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